| Index o | t Claims |
|---------|----------|
|         |          |

| Application No. | Applicant(s)   |          |
|-----------------|----------------|----------|
| 10/083,707      | BRUCKER ET AL. |          |
| Examiner        | Art Unit       | <u> </u> |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

(Jackie) Tan-Uyen T. Ho

| A | Appeal   |
|---|----------|
| Ò | Objected |

3731

|  | Claim  |                |              |                                     |              |              |              |                |   | _               |
|--|--|----------------|--------------|-------------------------------------|--------------|--------------|--------------|----------------|---|-----------------|
| Cla  | aim  | L              | _            | _                                   | _            | Date         | -            |                | _   | $\dashv$        |
| 1  | Original   | 4              |              |                                     |              |              |              |                |   |                 |
| Final  | į  | 6/25/04        |              |                                     |              |              |              |                |   |                 |
| <u>"</u>   | ō  | 6,             |              |                                     |              |              |              |                |   |                 |
|  |  |                |              |                                     |              |              |              |                | -   |                 |
|  | 1  | V              | _            |                                     |              |              | _            |                |   | _               |
|  | 1<br>2<br>3<br>4<br>5<br>6<br>7                                | ₩              |              |                                     |              | _            | _            |                | $\vdash$  | $\dashv$        |
|  | 3  | ╁              | _            |                                     |              |              |              |                |   | $\vdash$        |
|  | -  | +              |              |                                     |              |              |              |                | -   | =               |
|  | 2  | ╁              | -            |                                     | _            | _            | _            |                |   | $\dashv$        |
|  | 7  | H              | _            | -                                   |              | _            |              | _              | $\vdash$  | $\dashv$        |
| <b></b> -  |  | Н              |              | _                                   | _            |              |              |                | $\vdash$  | $\dashv$        |
|  | 8<br>9<br>10   | H              |              |                                     |              |              |              |                | Н   | $\dashv$        |
| -  | 10   | H              |              |                                     | -            | $\vdash$     | _            |                | Н   | $\dashv$        |
|  | 11   | ╁┼             | Н            | $\vdash$                            |              | -            | _            | -              | Н   | $\dashv$        |
|  | 12   | ╁              | $\vdash$     | $\vdash$                            |              | -            |              |                | Н   | $\dashv$        |
|  | 13   | $\dag \dagger$ |              | -                                   | <u> </u>     |              |              | _              | Н   | $\dashv$        |
| <del>                                     </del> | 14   | H              | H            | $\vdash$                            | $\vdash$     |              |              | -              | Н   | $\dashv$        |
| <del>                                     </del> | 15   | H              |              | -                                   | $\vdash$     | Η-           | $\vdash$     | М              | Н   | Н               |
| <u> </u>   | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | +              |              | $\vdash$                            | _            |              |              |                | Н   | $\dashv$        |
| <del>                                     </del> | 17   | H              | т            |                                     | $\vdash$     | -            | Н            |                | H   | $\dashv$        |
|  | 18   | Ħ              |              |                                     | _            |              |              |                |   | $\dashv$        |
|  | 19   | H              |              | _                                   |              | -            |              |                |   | $\sqcap$        |
|  | 20   | Ħ              | Г            |                                     |              |              |              |                |   | $\neg$          |
| _  | 21   | H              |              |                                     | _            |              |              |                |   |                 |
|  | 22   | 1              |              |                                     | _            |              |              |                |   |                 |
|  | 22<br>23<br>24   | T              |              |                                     |              |              |              |                |   |                 |
|  | 24   | $\dagger$      |              |                                     |              |              |              |                |   |                 |
| -  | 25   | Π              |              |                                     |              |              |              |                |   |                 |
|  | 26   | П              |              |                                     |              |              |              |                |   |                 |
|  | 27   | П              |              |                                     |              | Г            |              |                |   |                 |
|  | 28   | П              |              |                                     |              |              |              |                |   |                 |
|  | 29   | П              |              |                                     |              |              |              |                |   |                 |
|  | 30   | П              |              |                                     |              |              |              |                |   |                 |
|  | 31   |                | L            |                                     |              |              |              |                |   |                 |
|  | 25<br>26<br>27<br>28<br>29<br>30<br>31<br>32                   | Ш              |              |                                     |              |              |              |                |   |                 |
|  | 33<br>34   | $\coprod$      |              |                                     |              |              |              |                |   |                 |
|  | 34   | Ш              | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |              | <u>_</u>     | <u> </u>     |                | Ш   | Ш               |
|  | 35   | Ш              | _            | <u> </u>                            |              | _            | <u> </u>     | <u> </u>       | $ldsymbol{le}}}}}}}}}$ | Ш               |
|  | 36<br>37   | Ш              |              |                                     | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>       | Ш   | Ш               |
|  | 37   | Ш              | <u> </u>     | <u> </u>                            | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>       | <u> </u>  | Щ               |
|  | 38<br>39   | Ц.             | ļ            | <u> </u>                            | _            | _            | <u> </u>     |                | <u> </u>  | Щ               |
|  |  | Ш              | _            | _                                   |              |              |              |                | _   | $\square$       |
| <u> </u>   | 40   | ٧              | <u> </u>     | <u> </u>                            | <u> </u>     | <u> </u>     |              | <u> </u>       |   | Щ               |
| <u> </u>   | 41   | ₩              | <u> </u>     | <u> </u>                            | <u> </u>     | <u> </u>     | <u> </u>     | $\vdash$       | $\vdash$  | $\vdash \vdash$ |
|  | 42   | <del> </del>   | <del> </del> | <del>  -</del>                      |              | $\vdash$     | -            | <del>  -</del> | <u> </u>  | Н               |
| <u> </u>   | 43   | $\vdash$       | ₩            | ⊢                                   |              | <del> </del> | ├            | -              | ⊢   | Н               |
| <u> </u>   | 44   | <del> </del>   | <b>├</b> —   | $\vdash$                            | <del> </del> | -            | -            | $\vdash$       | ⊢   | $\vdash$        |
| <u> </u>   | 45   | $\vdash$       | -            | $\vdash$                            | <u> </u>     |              |              | <del> </del>   | ├   | $\vdash\vdash$  |
| <u> </u>   | 46   | Ͱ              | -            | -                                   | ⊢            | ₩            | <del> </del> | ├-             | ├   | Н               |
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| <del> </del>                                     | 49   | ┼              | $\vdash$     | $\vdash$                            | ├-           | $\vdash$     | -            |                | ┢   | $\vdash\vdash$  |
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| Cla          | aim Date |          |          |  |  |            |  |          |          |              |
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| Final        | Original |          |          |  |  |            |  |          |          |              |
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|              | 59       |          | -        |  | $\dashv$   | -          |  |          |          |              |
|              | 60<br>61 |          | _        |  |  |            | _  | _        | _        |              |
|              | 62       |          | _        | -  |  |            |  |          |          |              |
|              | 63       | -        |          |  |  |            |  |          | _        |              |
|              | 64       |          |          |  |  |            |  |          | _        |              |
|              | 65       |          |          |  |  |            |  |          |          |              |
|              | 66       |          |          |  |  |            |  |          |          | $\neg$       |
|              | 67       |          |          |  |  |            |  |          |          |              |
|              | 68       |          |          |  |  |            |  |          |          |              |
|              | 69       |          |          |  |  |            |  |          |          |              |
|              | 70       |          |          |  |  |            |  |          |          |              |
|              | 71       |          |          |  |  |            |  |          |          |              |
|              | 72       |          |          |  |  |            |  |          | -        |              |
|              | 73<br>74 | Ш        |          |  |  |            |  |          |          |              |
|              | 74       |          |          |  |  | _          |  |          |          |              |
| ļ            | 75       |          |          |  | $\perp$  |            |  | -        |          |              |
| <u> </u>     | 76<br>77 | Н        |          |  | $\vdash$   |            |  |          | _        |              |
| -            | 70       |          |          |  |  |            |  | _        | _        |              |
|              | 78<br>79 | Н        |          |  |  |            |  |          | _        |              |
| <u> </u>     | 80       | $\dashv$ |          |  |  | $\vdash$   | _  |          | _        | _            |
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|              | 88       |          |          | _  |  |            | _  | L        |          |              |
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|              | 90       | <u> </u> |          | <u> </u>   |  | _          | ļ  | <u> </u> |          | <u> </u>     |
| <b> </b>     | 91       | $\vdash$ |          | -  | $\vdash$   |            | $\vdash$   | ├        |          | $\vdash$     |
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| $\vdash$     | 98       | $\vdash$ | $\vdash$ | <del>                                     </del> |  |            | $\vdash$   | T        | $\vdash$ | 一            |
|              | 99       | $\vdash$ | _        | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$     |

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|--------------|---------------------------------|--|----------|--------------|--------------|----------|----------|----------------|--|-----------|
| Cla          | aim                             | Date   |          |              |              |          |          |                |  |           |
| Final        | Original                        |  |          |              |              |          |          |                |  |           |
|              | 101                             |  |          |              |              |          |          |                |  |           |
|              | 102<br>103                      |  |          |              |              |          |          |                |  |           |
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|              | 105                             |  | _        |              |              |          |          |                |  | ᆚ         |
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|              | 106<br>107<br>108               | _  | _        |              |              |          |          |                |  | $\dashv$  |
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| <u> </u>     | 112                             | $\vdash$   |          |              |              |          |          |                |  | $\dashv$  |
|              | 113<br>114<br>115<br>116        | Т  |          |              |              |          |          |                |  | $\exists$ |
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|              | 111/                            |  |          |              |              |          |          |                |  | _         |
|              | 118<br>119                      |  | <u> </u> |              |              |          |          |                |  | _         |
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|              | 123                             | ╁  | -        |              |              |          |          | -              |  |           |
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|              | 138                             | T  |          | <del> </del> | i –          | Г        |          | <u> </u>       | Г  | Н         |
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